

## APPLICATION DATA SHEET

## APPLICATION INFORMATION

Application Type:: REGULAR  
Subject Matter:: UTILITY  
CD-ROM or CD-R?: NONE  
Title:: UNIT-TYPE HEAT EXCHANGER  
Attorney Docket Number:: 263117US90PCT  
Total Drawing Sheets:: 10

## INVENTOR INFORMATION

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Hideaki  
Family Name:: MANAKA  
City of Residence:: Oyama-shi  
Country of Residence:: Japan  
Street of Mailing Address:: c/o SHOWA DENKO K.K., OYAMA  
REGIONAL OFFICE, 480, Inuzuka 1-  
chome, Oyama-shi  
City of Mailing Address:: Tochigi  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 323-8678

## CORRESPONDENCE INFORMATION

Correspondence Customer Number:: 22850

## REPRESENTATIVE INFORMATION

Representative Customer Number:: 22850

## DOMESTIC PRIORITY INFORMATION

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	National Stage of	PCT/JP03/07638	06/17/03
PCT/JP03/07638	Non-Provisional of	60/394,879	07/11/02

## FOREIGN PRIORITY INFORMATION

Application Number:	Country::	Filing Date::	Priority Claimed::
2002-176896	Japan	06/18/02	YES

## ASSIGNMENT INFORMATION

Assignee Name:: SHOWA DENKO K.K.  
Street of Mailing Address:: 13-9, Shiba Daimon 1-chome, Minato-ku  
City of Mailing Address:: Tokyo  
Country of Mailing Address:: JAPAN  
Postal or Zip Code of Mailing Address:: 105-8518